

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5293	((118/715) or (156/345.29,345.33, 345.34)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/15 15:32
S2	168	S1 and ((showerhead or (shower adj head) or (gas (distribut\$4 or diffus\$4 or dispers\$4) plate)) same exhaust)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/03/15 17:43
S3	1136	((showerhead or (shower adj head) or (gas (distribut\$4 or diffus\$4 or dispers\$4) plate)) same exhaust)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/03/15 17:44
S4	380	((showerhead or (shower adj head) or (gas (distribut\$4 or diffus\$4 or dispers\$4) plate)) with exhaust)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/10/17 04:40
S5	315	S4 not S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/03/15 17:45
S6	20	("4792378" "4825809" "5082542" "5268034" "5453124" "5595606" "5624498" "5730801" "5891348").PN. OR ("6190732").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/03/15 18:47
S7	5576	((118/715) or (156/345.29,345.33, 345.34)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 01:07
S8	191	S7 and ((showerhead or (shower adj head) or (gas (distribut\$4 or diffus\$4 or dispers\$4) plate)) same exhaust)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/10/17 01:07

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S9	423	((showerhead or (shower adj. head) or (gas (distribut\$4 or diffus\$4 or dispers\$4) plate)) with exhaust)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/10/17 01:07
S10	47	(S8 OR S9) AND @PD>="20050315"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/10/17 02:41
S11	431	((showerhead or (shower adj head) or (gas (distribut\$4 or diffus\$4 or dispers\$4) plate)) SAME exhaust SAME PLASMA)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/10/17 11:20
S12	907450	C23C016\$ OR H01L021\$	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/10/17 11:19
S13	53	S12 and ((showerhead or (shower adj head) or (gas (distribut\$4 or diffus\$4 or dispers\$4) plate)) and exhaust and PLASMA)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/10/17 11:22
S14	53	S12 and ((showerhead or (shower adj head) or (gas (distribut\$4 or diffus\$4 or dispers\$4) plate)) and exhaust and PLASMA)	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/10/17 11:22
S15	2	("20050092243").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/27 15:14
S16	0	("2005/0092243").URPN.	USPAT	ADJ	ON	2005/12/27 16:05
S17	1	("6592709").PN.	USPAT	OR	OFF	2005/12/27 16:06
S18	6	("5061838" "5558717" "5683561" "5792272" "5865896" "5871813").PN. OR ("6592709").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/12/27 17:12
S19	438	((showerhead or (shower adj head) or (gas (distribut\$4 or diffus\$4 or dispers\$4) plate)) with exhaust)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/28 00:08

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S20	5646	((118/715) or (156/345.29,345.33, 345.34)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/27 17:16
S21	200	S20 and ((showerhead or (shower adj head) or (gas (distribut\$4 or diffus\$4 or dispers\$4) plate)) same exhaust)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/28 00:16
S22	438	((showerhead or (shower adj head) or (gas (distribut\$4 or diffus\$4 or dispers\$4) plate)) with exhaust)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/27 23:23
S23	446	((showerhead or (shower adj head) or (gas (distribut\$4 or diffus\$4 or dispers\$4) plate)) SAME exhaust SAME PLASMA)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/28 00:18
S24	27	(S19 or S21 or S22 or S23) and @pd>="20051017"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/27 18:52
S25	918538	C23C016\$ OR H01L021\$	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/27 18:52
S26	55	S25 and ((showerhead or (shower adj head) or (gas (distribut\$4 or diffus\$4 or dispers\$4) plate)) and exhaust and PLASMA)	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/27 23:58
S27	3	(S26) and @pd>="20051017"	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/27 18:56
S28	206	S25 and ((gas inlet) and exhaust and PLASMA)	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/27 19:15
S29	197	(S28 not S26) and (@rlad<="20040130" or @ad<="20040130")	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/27 21:27

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S30	898	((gas inlet) SAME exhaust SAME PLASMA)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/27 21:04
S31	9530	((gas inlet) with exhaust)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/27 21:05
S32	296	S20 and ((gas inlet) same exhaust)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/27 21:11
S33	256	S32 not (S19 or S21 or S22 or S23)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/27 21:26
S35	950	((S30 or S32) and (@rlad<="20040130" or @ad<="20040130")) not (S19 or S21 or S22 or S23)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/27 23:01
S36	830	S35 not S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/27 22:56
S37	7270	((S31) and (@rlad<="20040130" or @ad<="20040130")) not (S19 or S21 or S22 or S23 or S26 or S29 or S35)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/28 00:12
S38	373	S37 and plasma and (wafer or substrate or workpiece or (work piece))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/28 00:13

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S39	115	((gas inlet) or showerhead or (shower adj head) or (gas (distribut\$4 or diffus\$4 or dispers\$4) plate)) and exhaust\$3 and plasma and (holder or support or mechanism)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/28 00:54
S40	3086	((118/723mw,723an,723e,723i) or (156/345.41,345.43,345.47,345.48)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/27 23:44
S41	301	S40 and (((gas inlet) or showerhead or (shower adj head) or (gas (distribut\$4 or diffus\$4 or dispers\$4) plate)) same exhaust)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/27 23:45
S42	41	((S41) and (@rlad<="20040130" or @ad<="20040130")) not (S19 or S21 or S22 or S23 or S26 or S29 or S35 or S38 or S39)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/28 00:19
S43	39	(S25 and (((gas inlet) or showerhead or (shower adj head) or (gas (distribut\$4 or diffus\$4 or dispers\$4) plate)) and exhaust\$3 and PLASMA) and @pd<="20040130") not (S26 or S28)	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/28 00:05
S44	9	(S25 and (((gas inlet) or showerhead or (shower adj head) or (gas (distribut\$4 or diffus\$4 or dispers\$4) plate)) and exhaust\$3 and PLASMA)) not (S26 or S28 or S43)	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/28 00:06
S45	10803	((gas inlet) or showerhead or (shower adj head) or (gas (distribut\$4 or diffus\$4 or dispers\$4) plate)) with exhaust\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/28 00:11
S46	207	((S45) and (@rlad<="20040130" or @ad<="20040130") and plasma and (wafer or substrate or workpiece or (work piece))) not (S19 or S21 or S22 or S23 or S26 or S29 or S35 or S38)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/28 00:14

EAST Search History

S47	783	(S20 or S40) and (((gas inlet) or showerhead or (shower adj head) or (gas (distribut\$4 or diffus\$4 or dispers\$4) plate)) same exhaust\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/28 00:17
S48	1533	(((gas inlet) or showerhead or (shower adj head) or (gas (distribut\$4 or diffus\$4 or dispers\$4) plate)) SAME exhaust\$3 SAME PLASMA)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/28 00:18
S49	331	((S46 or S47 or S48) and (@rlad<="20040130" or @ad<="20040130")) not (S19 or S21 or S22 or S23 or S26 or S29 or S35 or S38 or S39 or S42 or S43 or S44)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/28 00:21
S50	4	(((gas inlet) or showerhead or (shower adj head) or (gas (distribut\$4 or diffus\$4 or dispers\$4) plate)) and exhaust\$3 and plasma and (holder or support or mechanism) and upstream).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/28 00:48
S51	23	(((gas inlet) or showerhead or (shower adj head) or (gas (distribut\$4 or diffus\$4 or dispers\$4) plate)) and exhaust\$3 and (plasma same (holder or support or mechanism) same between)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/28 00:49
S52	1	((gas introducing part) and exhaust\$3 and plasma and (holder or support or mechanism)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/28 00:55
S53	211	(Nobumasa near3 Suzuki).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/28 00:58
S54	2	("5616373").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/02 18:45

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S55	460	((showerhead or (shower adj head) or (gas (distribut\$4 or diffus\$4 or dispers\$4) plate)) with exhaust)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/02 21:27
S56	5792	((118/715) or (156/345.29,345.33, 345.34)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/02 21:27
S57	209	S56 and ((showerhead or (shower adj head) or (gas (distribut\$4 or diffus\$4 or dispers\$4) plate)) same exhaust)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/02 21:27
S58	460	((showerhead or (shower adj head) or (gas (distribut\$4 or diffus\$4 or dispers\$4) plate)) with exhaust)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/02 21:27
S59	465	((showerhead or (shower adj head) or (gas (distribut\$4 or diffus\$4 or dispers\$4) plate)) SAME exhaust SAME PLASMA)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/02 21:27
S60	62	(S55 or S57 or S58 or S59) and @pd>="20051017"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/02 21:27
S61	933723	C23C016\$ OR H01L021\$	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/02 21:27
S62	56	S61 and ((showerhead or (shower adj head) or (gas (distribut\$4 or diffus\$4 or dispers\$4) plate)) and exhaust and PLASMA)	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/02 21:27
S63	211	S61 and ((gas inlet) and exhaust and PLASMA)	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/02 21:27
S64	198	(S63 not S62) and (@rlad<="20040130" or @ad<="20040130")	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/02 21:27

EAST Search History

S65	934	((gas inlet) SAME exhaust SAME PLASMA)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/02 21:27
S66	9743	((gas inlet) with exhaust)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/02 21:27
S67	306	S56 and ((gas inlet) same exhaust)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/02 21:27
S68	962	((S65 or S67) and (@rlad<="20040130" or @ad<="20040130")) not (S55 or S57 or S58 or S59)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/02 21:27
S69	842	S68 not S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/02 21:27
S70	7342	((S66) and (@rlad<="20040130" or @ad<="20040130")) not (S55 or S57 or S58 or S59 or S62 or S64 or S68)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/02 21:27
S71	378	S70 and plasma and (wafer or substrate or workpiece or (work piece))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/02 21:27
S72	121	((((gas inlet) or showerhead or (shower adj head) or (gas (distribut\$4 or diffus\$4 or dispers\$4) plate)) and exhaust\$3 and plasma and (holder or support or mechanism)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/02 21:27

EAST Search History

S73	3160	((118/723mw,723an,723e,723i) or (156/345.41,345.43,345.47,345.48)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/02 21:27
S74	304	S73 and (((gas inlet) or showerhead or (shower adj head) or (gas (distribut\$4 or diffus\$4 or dispers\$4) plate)) same exhaust)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/02 21:27
S75	42	((S74) and (@rlad<="20040130" or @ad<="20040130")) not (S55 or S57 or S58 or S59 or S62 or S64 or S68 or S71 or S72)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/02 21:27
S76	39	(S61 and (((gas inlet) or showerhead or (shower adj head) or (gas (distribut\$4 or diffus\$4 or dispers\$4) plate)) and exhaust\$3 and PLASMA) and @pd<="20040130") not (S62 or S63)	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/02 21:27
S77	10	(S61 and (((gas inlet) or showerhead or (shower adj head) or (gas (distribut\$4 or diffus\$4 or dispers\$4) plate)) and exhaust\$3 and PLASMA)) not (S62 or S63 or S76)	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/02 21:27
S78	11058	((((gas inlet) or showerhead or (shower adj head) or (gas (distribut\$4 or diffus\$4 or dispers\$4) plate)) with exhaust\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/02 21:27
S79	213	((S78) and (@rlad<="20040130" or @ad<="20040130") and plasma and (wafer or substrate or workpiece or (work piece))) not (S55 or S57 or S58 or S59 or S62 or S64 or S68 or S71)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/02 21:27
S80	808	(S56 or S73) and (((gas inlet) or showerhead or (shower adj head) or (gas (distribut\$4 or diffus\$4 or dispers\$4) plate)) same exhaust\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/02 21:27

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S81	1587	(((gas inlet) or showerhead or (shower adj head) or (gas (distribut\$4 or diffus\$4 or dispers\$4) plate)) SAME exhaust\$3 SAME PLASMA)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/02 21:27
S82	338	((S79 or S80 or S81) and (@rlad<="20040130" or @ad<="20040130")) not (S55 or S57 or S58 or S59 or S62 or S64 or S68 or S71 or S72 or S75 or S76 or S77)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/02 21:27
S83	38	(S60 or S69 or S71 or S75 or S82) and (@rlad<="20040130" or @ad<="20040130") and @pd>="20051227"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/02 21:58
S84	4	(((gas inlet) or showerhead or (shower adj head) or (gas (distribut\$4 or diffus\$4 or dispers\$4) plate)) and exhaust\$3 and plasma and (holder or support or mechanism) and upstream).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/02 22:00
S85	26	(((gas inlet) or showerhead or (shower adj head) or (gas (distribut\$4 or diffus\$4 or dispers\$4) plate)) and exhaust\$3 and (plasma same (holder or support or mechanism) same between)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/02 22:00
S86	2	((gas introducing part) and exhaust\$3 and plasma and (holder or support or mechanism)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/02 22:00
S87	6	(S72 or S84 or S85 or S86) and @pd>="20051227"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/02 22:06
S88	214	(Nobumasa near3 Suzuki).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/02 22:06

EAST Search History

S89	2	(S88) and @pd>="20051227"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/02 22:07
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